Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 31 Jan 2021 until 23:59 on Monday 01 Feb 2021

Forecast Issued on Sunday 31 Jan 2021 at 02:51

Confidence: High for cold but dry weather on Sunday and Monday then for unsettled conditions from Tuesday onwards with periods of sleet or snow. Some uncertainty in snow heights, especially from Wednesday.

Headline for Sunday 31 Jan 2021: Very cold but dry and bright. Breezy on the tops.

Mountain weather hazards on Sunday 31 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Sunday 31 Jan 2021

Weather: Widespread frost. Dry with long bright or sunny spells but some high cloud coming over in the afternoon and evening. Feeling bitterly cold on the tops in the easterly breeze.

Chance of cloud free mountain/hill tops above 600m: 95%.

Visibility: No issues. Very good visibility at all elevations.

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Forecast for Sunday 31 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/23 E	15/24 SE	18/26 SE	16/24 SE	16/26 E	15/25 E	14/25 E
300	4/16 E	6/16 SE	9/20 SE	10/21 SE	9/22 E	9/22 E	8/20 E
Valley	6/17 E	6/17 E	12/25 SE	11/23 E	12/25 E	10/23 E	9/23 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-8	-2/-9	-2/-8	-2/-8	-3/-10	-3/-9	-3/-9
300	-2/-4	-1/-4	1/-3	1/-4	-0/-5	-0/-5	-1/-5
Valley	-0/-3	1/-2	3/-2	2/-2	1/-3	1/-3	0/-4
Freezing Level*	00m	00m	200m	200m	100m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A dry but bitterly cold day on the hills. Valley temperatures down to Minus 4 or 5C early morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 31 Jan 2021	0mm	1.4mm	32.2mm

Forecast for Monday 01 Feb 2021

Weather: Dry with long bright or sunny spells but still feeling bitterly cold. High cloud will spread across at times. A few light snow showers reaching the north of the Park in the evening.

Maximum wind: Easterly 20 gusts 30mph. Severe wind chill.

Chance of cloud free mountain/hill tops above 600m: 95%.

Visibility: Very good visibility at all elevations through the day. Temporarily poor in showers across the north in the evening.

Temperature: **Valleys:** Minus 2 or 3C rising to 3C.
At 600m: Minus 1 or 2C.
Freezing level: Ground expected to be frozen down to valley level.

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